

building COMMUNITY

For Indiana's Third Century

September 2002

**building
COMMUNITY**, a bimonthly publication of Indiana 2016, solicits articles from around Indiana that illustrate community-based efforts. Please electronically submit articles to jswenson@gov.state.in.us. Digital photographs are accepted and encouraged.

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August 10 featured the Indiana Space Grant Consortium. Dr. Razi Nalim demonstrates IUPUI's moon buggy to interested youths.

"Remembering how much that affected me and seeing how profoundly children and adults are captivated by space drives me to help others have that type of experience."

Caldwell says he saw flashes of that same determination in the eyes of some of the children who visited the INSGC demonstrations in the *Indiana 2016* booth August 10 at the



Dr. Joseph Pekny, pictured on Purdue Day, August 14, is director of the e-enterprise center of Purdue's Discovery Park and serves as Innovations Initiative co-chair.

Indiana 2016 launches technology initiative August 7-18 at the State Fair

by Jennifer Swenson

A wide-eyed six-year-old watched the Apollo 8 telecasts on Christmas Eve, 1968 and determined then and there that he would pursue a career in high tech. Today Dr. Caldwell is an engineer who teaches at Purdue and heads up the Indiana Space Grant Consortium (INSGC).



Family explores Indiana Online, a joint project of the Polis Center and the Indiana Humanities Council.

State Fair.

With hopes of inspiring just such vision in Hoosiers of all ages to join in the technical revolution, the Indiana 2016 State Fair committee invited groups from all over the state to demonstrate their robots, electro-magnetics, electronic music and other technology for one or two days of the fair in the Exposition Hall. Fairgoers participated in hands on experiments, had digital photos made in front of the White House or a tropical island, explored the encyclopedia of the future with **Online Indiana**, and learned of different opportunities available to Hoosiers.
See Technology, page 3

Gatherings

by Judy O'Bannon



*We wanted to
run home,
gather with those
we loved, and
huddle amidst
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could trust and
understand.*

One year ago, on September 11, we all witnessed with shock and horror as planes slammed into buildings that symbolized a part of who we are as a nation. Our response was outrage and sadness for those who lost lives, lost family and friends or fought to rescue lives amidst it all. It turned our world upside down and made no sense.

We wanted to run home, gather with those we loved, and huddle amidst whatever we could trust and understand. We have all looked within ourselves anew and asked such questions as: How do we fit into the world around us? What route should our attitude and action toward life take? What would give us strength in an age of uncertainty and threat?

As the months wore on, we came to see the damage in yet another range. We, as a collected people called Americans, realized we were not an isolated country, buffered from turmoil by military and monetary might. We are all a part of this tangle of life, and the climate on this planet earth is neither simple nor sure.

The term global living room is no longer an abstract concept. We are connected to every other person and action in this high-tech world of our making. However, we still have those basic needs that mankind has always carried: the need to nourish our bodies, to take care of our sick, to learn and teach enough that we can make good decisions and participate mentally and physically, the need to earn enough to support our families, the need to clothe ourselves, the need to be a part of a mission outside ourselves that is bigger, more lasting and of infinite value.

In a sense, our wounds were to this collected image of who we are as a community. And so, as we gather to commemorate and memorialize the happenings of September 11, let us choose our response. We must step out of our tendency for withdrawal from the mix and reach out to our neighbors in a spirit of community. The message of Indiana 2016 – communities building community – has never been more pertinent. We are now feeling the accumulation of all the impact of those terrorist attacks. They struck at the very heart of our sense of strength and resolve as a people called Americans.

Autumn is a season to recognize growth—harvest of the physical nature as seen in our farm crops and, the sowing of seeds of growth in young minds as we watch schools begin. So as we gather the harvest of our summer growing season, prepare for another year of learning, we do so with a new urgency and sense of purpose. It is an uncharted, ever-changing high-tech world, and we need to tread into it holding hands with others who venture on. In touch with a higher Being we call God, reaching out and holding on to each other, our reach is secure as we grow to appreciate the expanded opportunities and richness of a diverse, complex, pulsating planet earth.



Clint Koch from the IU School of Informatics explains green screen technology August 15.

imagination of people from young to old, and what better way than to include them in activities?" committee chair Robin Tew, explained. "We thought it might be hard to find people willing to exhibit their technology programs at the fair. Instead, we found that we had trouble coming up with enough slots for all the exciting programs we wanted to feature."

Caldwell, Tennant and Tew were among more than 320 people from around the state who volunteered to help out with the booth over the 12 days of this year's Indiana State Fair.

While innovative programs abound around the state, one problem is awareness. If young people don't know about the opportunities, they can't participate. Emily Kraft is very aware of the doors that open for students who participate in science programs. She is one of middle and high-school scholars hand-picked to explain their **Hoosier Science and Engineering Fair (HSEF)** experiments at the fair August 12.



Doug Lavanture explains the purpose of his HSEF research on alternate energy using methane gas to Dr. William Gilmore, co-chair of the Innovation Initiative, August 12.

Technology continued from page 1

Susan Tennant from **IU's School of Informatics** (the first such school in the nation) explained how the entire institution built community through involvement at the fair August 15-16. "On an internal level it brought together people in the new school's programs, from both the *Indianapolis* and *Bloomington* campuses, as no other activity had done to date. From the conception of the booth through implementation at the fair, the Informatics faculty staff and students worked together as a unit, all dedicated to presenting the school in the best way possible."

"We wanted to catch the



Teams from Morristown and West Lafayette operate robots from their control panels August 7.

Although Kraft is only a junior at *Evansville Day School*, her award-winning research on paint fading won her a full 4-year scholarship to the University of Louisville at the **International Science and Engineering Fair** this year.

"Emily Kraft's outstanding research work was done in a school setting with the help of a mentor in local industry. That is a cooperative relationship that greatly improves science education in the schools. Work like Emily's is exemplary, but it's the kind of partnership that any school interested in making student research available can facilitate," explained Bill Gilmore, Executive Director of the **Science Education Foundation of Indiana**. See Technology, page 4

FIRST builds more than Robots

The **FIRST Robotics** teams who came from seven high schools across the state for the fair August 7-9 built a

lot more than robots. Their role was to demonstrate their noisy, game-playing creations for hundreds of people, but in the process, they built relationships with business, education and youth.

At the fair, students interacted with potential employers, sponsors, young people, and educators.

"Hopefully more schools will start teams as a result of this demonstration," noted Libby Ritchie, coordinator of the **FIRST** team from *Morristown*.

"The whole idea of **FIRST** and 2016 seemed to match up well. Knowing that there is a program set forth by the leaders of Indiana that connects communities, schools and companies helps all involved. It has been wonderful to see everyone working together for a common goal."

Technology, continued from page 3
Fairgoers crowded in to watch the hourly demonstration of the **Purdue Society of Professional Engineers' Rube Goldberg Machine** August 11.



Kurt Fowler from the **ISU Department of Music** demonstrated electric and acoustic cello August 18. ISU, demonstrations explored new ways of working, living and learning.



An "Electric" Community Project

by Katy Brett

Through a partnership involving Richmond Power and Light (RP&L), the Townsend Community Center and

Richmond Community Schools, **Green Motion** has taken off—leaving a clean, "green" exhaust in its path.

As an **Indiana 2016 School**, Richmond High is truly working to strengthen community—both inside and out! A cutting edge educational program that involves Richmond High School students in a real world project, **Green Motion** involves the construction of a full-size electric vehicle! Working with teachers and members from their community, high school students spend several months converting an existing gasoline vehicle into a fully functioning and efficient electric vehicle.

Students working together—excited about the work they are doing and exploring a topic that will certainly become more and more relevant during their lifetimes. A community pooling its resources and abilities—discovering new connections between existing organizations and schools and then working together to make a vision into a reality. As Herb Davis, President of the Townsend Community Center, has said, "This is an example here in the Richmond community of how the partnership with the utility company, the recreation center, a school combine and you have a product that's produced and you have a tremendous learning in the community and a partnership that allows the whole community to grow and to improve." It's **Indiana 2016** philosophy at work: "Communities Building Community!"

With the support of the Townsend Community Center, the use of a RPL Ford Escort, the commitment of Richmond High School staff, and the work of dozens of students, ranging from the art students who develop the paint design to the industrial technology students who work on the engine conversion, **Green Motion** succeeded in developing a fully functioning electric car during the 2001-02 school year, and the finished product was on display as part of **Indiana 2016's Step Into the Future** at this year's Indiana State Fair.

Part of an even larger program, **Green Motion** is the first participant in the Indiana Chapter for the nationally known program, **EV Challenge**. It's only the beginning for **Green Motion** in Richmond and in Indiana. For more information or if your school has an innovative initiative that you think makes it an **Indiana 2016 School**, contact **Indiana 2016** at indiana2016@gov.state.in.us.



Governor Frank O'Bannon examines the Green Motion motor.

It's never too early to begin teaching children science principles, and the **Indiana Child Care Fund** showed how age-appropriate activities can introduce science to pre-schoolers. Some children interacted with plump night crawlers to learn how these wiggly creatures benefit the earth, while others experimented with the concept of "sink" and "float" at the fair August 13.

Children also joined representatives from the **Northeastern Indiana Innovation Center (Fort Wayne)** in putting together a life-sized puzzle of NIIC, the "entrepreneurial person."





a healthy taste of summer

by Aja May

Indiana summers are associated with the tastes and smells of fresh sweet corn, tomatoes, strawberries and melons. We expect them to grace our dinner and picnic tables

and they are sure to have a presence at summer celebrations, state fairs and neighborhood gatherings.

Across the state, on a Saturday or Sunday morning, you can be sure to find Hoosiers at a local farmer's market, searching out their favorite fresh produce, handmade goods and baked treats. Through a special partnership of federal and state resources, thousands of Hoosiers are coming together with other community members and reaping in the health benefits of the fresh produce found at Indiana farmers markets.

Since 1994, Indiana, through its **Women, Infants and Children (WIC)** program, has participated in the **Farmers' Market Nutrition Program (FMNP)**, which provides participants with checks to purchase locally grown fresh fruits and vegetables at approved local farmers' markets. This is to help establish a lifelong behavior towards achieving the goal of five servings of fresh produce a day for better health. A WIC participant also receives nutrition education from the local WIC clinic in making appropriate selections and preparation of the fresh fruits and vegetables.

The FMNP is truly a success story. In 2001, over 33,000 WIC participants redeemed \$282,694 worth of FMNP checks at 29 authorized markets throughout Indiana. Recently, a new pilot program has targeted seniors in *Bloomington, North Vernon, Muncie and Lafayette* communities. To date, over 4,000 low-income senior citizens have received checks to purchase fresh produce at their local farmers markets.

Together, community members are ensuring a healthy future. By offering a place for everyone, farmers markets provide a safe, fun and fit place for community gathering.

For more information on the FMNP and Indiana farmers markets, please contact Cheryl Moles at the Indiana Department of Health at 317-233-5590.

Did you guess ?

If you thought last issue's "Can you guess?" photo was of James Whitcomb Riley, you were right. The photo was taken at his Lockerbie home during the filming of a documentary for Indiana's Centennial in 1916. Riley died shortly after the film was made.



Trial of Susan B. Anthony

by Katy Brett

On Monday, November 4—the day before Election Day 2002—an interactive play depicting the trial of Susan B.

Anthony, accused of voting in July 1872, will be held in the Indiana Supreme Court courthouse. Part of the Spirit and Place Festival, the interactive play is being cosponsored by the Indiana Supreme Court, the Unitarian Universalist Church, the Indiana Commission for Women, and the Indiana Humanities Council. Due to the limited space available in the courthouse and the desire to bring the event to Hoosiers around the state, the event will be webcast live and then archived for future use. For more information, contact Elizabeth Osborn at the Indiana Supreme Court at eosborn@courts.state.in.us and check out the Indiana Supreme Court website <http://www.in.gov/judiciary/education>.



**Your project
can become an
Indiana 2016
Community**

“Communities Building Community,” is the theme of Indiana 2016. Our mission is to educate about, inspire and recognize active involvement of Hoosiers in their communities. Why not consider signing up your community-based project as an Indiana 2016 “community?” Contact Katy Brett at kbrett@gov.state.in.us or 317-283-8171.

New video captures spirit of Hoosier communities

by Jonathan Swain

“Together we grow. Divided, not a chance.”

These words, spoken by Peach Vandergrift, describe the force behind *Middletown’s* recent community revitalization, beautification and, most of all, energetic burst of community spirit. For Indiana 2016, Vandergrift’s words capture the essence of the “communities building community” vision.

Vandergrift is just one of several Hoosiers featured in a new promotional video produced to spread the word about the statewide Indiana 2016 initiative. The 12-minute video features stories from six different communities and organizations affiliated with Indiana 2016.

While each story tells of a different project, all share common community-building experiences of Hoosiers coming together to address needs in their communities.

As she introduces viewers to Indiana 2016 at the beginning of the video, First Lady Judy O’Bannon remarks that “it is in the doing of things together that we become a community.” As viewers hear from Hoosiers involved in each of the six stories, these words become even more meaningful.

In addition to Middletown, the video features *Jeffersonville’s* downtown revitalization efforts and

Farmland’s creating of a community and cultural center. Viewers also get to hear first-hand about the coming together of partners from throughout the state to create the largest minority health fair in the nation, held each July in *Indianapolis*, as well as a local partnership in *Richmond* that has given high school students the chance to create a hi-tech electric powered car.

The video closes with the words of elementary students in *Charlestown* who brought their community together through the Pay It Forward Acts of Kindness initiative. Symbolic of the initiatives focus on acts of kindness to others, the students collected more than 18,000 links in an Acts of Kindness chain.

Indiana 2016’s video will soon be available for viewing via webcast at www.indiana2016.org and at a kiosk in the grand lobby of the new Indiana State Museum. As well, it will be used to promote involvement in Indiana 2016 at conferences, meetings and events.

If you are aware of any opportunities for the video’s use, please contact Katy Brett at kbrett@gov.state.in.us or 317-283-8171.

The video was produced through in-kind donations from Full Circle Enterprise, Hummingbird Productions and the WFYI Teleplex.



Members of the Clark county community of Jeffersonville cut the ribbon on another Main Street renovation.

building
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